



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant: Mukerji et al.

Serial No.: 09/624,670

Filed: July 24, 2000

For: ELONGASE GENE AND USES  
THEREOF

Case No.: 6407.US.P2

Examiner: Ramirez, D.M.

Group Art Unit: 1652

I hereby certify that this paper  
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*Kimberly A. Torio*

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AMENDMENT

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Assistant Commissioner for  
Patents

~~Washington, D.C. 20231~~  
~~PO Box 1450, Alexandria, VA 22303-1450~~

Sir:

In response to the Office Action of December 17, 2002,  
please amend the subject application as follows:

IN THE CLAIMS:

Please cancel claims 2 and 49, without prejudice.

Please add claims 50, 51, 52 and 53 as follows:

50. An isolated polynucleotide encoding a polypeptide,  
wherein said polypeptide has elongase activity and  
comprises an amino acid sequence which is at least 70%  
similar to the amino acid sequence set forth in SEQ ID  
NO:63.